These three (3) identical files of the Sequence Listing file "2001-07-16 2750-1097P Sequence Listing.txt" on each CD-R, in no way introduce new matter into the specification.

Also on the two (2) identical CD-Rs labeled "Copy 1" and "Copy 2" is an amended version of the Protein Domain Table, file "2750-1097P Protein Domain Table.txt", submitted in a clean form without markings as to amended material. The Protein Domain Table was previously submitted in paper form as pages 62 through 1043 of the specification, as the PTO had not yet created the rules (37 CFR § 1.52 (e)) for submitting large tables on CD-R. The amendments to the Protein Domain Table are being made to reference the sequences containing four or more amino acids disclosed in the specification by their SEQ ID NOS. No new matter is introduced by these amendments or by the submission of the protein domain table on CD-R instead of on paper.

As required under 37 C.F.R. §1.121, a marked-up copy of the Protein Domain Table, file "2750-1097P Marked Protein Domain Table.txt", is enclosed herewith on a fourth compact disk labeled "Disk with Markings". This marked-up copy file shows the matter being added to and the matter being deleted from the Protein Domain Table of record. This file shows the material being added to the Protein Domain Table by including the tags "<u>" before and "</u>" after any amendments that were added to this file. Any material deleted from the Protein Domain Table of record is tagged with a "" before and a "" after the deleted material. No new matter is being added by these amendments.

The format for submitting these amendments made to the Protein Domain Table filed on CD-R and for submitting a marked-up version of the changes made to the Protein Domain Table on CD-R was recommended by Michael Lewis and Joe Narcavage from the Office of Patent Legal Administration who indicated that this was currently the most acceptable format for
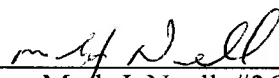
amending CD-R files. Submitting substitute compact disks gives the Patent Office the advantage of saving the time needed to enter the large volume of amendments in the specification and reducing the number of printing errors. It also saves the Applicant and the Patent Office the space needed to print and store the 800+ pages associated with the paper copy of the file "2750-1097P Protein Domain Table.txt".

Extension of Time

Pursuant to 37 C.F.R §§ 1.17 and 1.136(a), the applicant respectfully petitions for a two (2) month(s) extension of time for filing a response in connection with the present application and the requirement fee of $195.00 should be **charged to Deposit Account No. 50-1055.**

If the Primary Deposit Account No. 50-1055 is deficient and non-payment will result in a loss of rights, the Commissioner is hereby authorized in this, concurrent and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,
BIRCH, STEWART, KOLASCH & BIRCH, LLP

By _____
Mark J. Nuell, #36,623
P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachments:
-One (1) CD-R of computer readable form of the Sequence Listing
-Two (2) (identical) CD-Rs containing Sequence Listing (in place of the Paper Copy) and Domain Table
-One (1) CD-R containing the version with markings to show changes made to Domain Table
-Copy of Notice to File Missing Parts of Nonprovisional Application
-Version of Paragraph Amendments Showing changes

RCS/DRN/CAV
2750-1097P

Version of Paragraph Amendments Showing Changes:

(added material is in Bold and Underline, deleted material is in brackets)

Please replace the paragraph beginning on page 61, line 24 with the following amended paragraph:

--The polypeptides of the invention may possess identifying domains as shown in Table 1. Specific domains within the MLS encoded polypeptides are indicated in Table 1. In addition, the domains within the MLS encoded polypeptide can be defined by the region that exhibits at least 70% sequence identity with the consensus sequences listed in the [detailed description below] **Protein Domain Table** of each of the domains.--

Please replace the paragraph beginning on page 61, line 29 with the following amended paragraph:

--The majority of the protein domain descriptions [given below]**in the Protein Domain Table** are obtained from Prosite,

(http//www.expasy.ch/prosite/), and Pfam,
(http//pfam.wustl.edu/browse.shtml). --